

(Rev. 11/17/2016)

Consultant Services Solicitation

(Electronic Submission Required)

Construction Engineering Management



S-I15-7(329)332
I-15; MP 332.10 - 332.30 & Layton I-15 Crossing

~~11/17/2016~~ 11/28/2016

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PART ONE

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Consultant Services Solicitation Overview

The Utah Department of Transportation is soliciting services identified in Part Three (Project Information and Evaluation Criteria) of this document. Consultant Services will follow guidelines outlined in the [Consultant Services Manual of Instruction](#) (MOI) and in this Solicitation.

Solicitation is defined as the document used by UDOT to obtain a Consultant's Proposal.

Proposal is defined as a Consultant's response to UDOT's Solicitation.

- 1. Communication:** Pursuant to Utah Code 63G-6a-1503(3), beginning the date that the Solicitation is issued until the selection of a Consultant has been made, **Consultants may not contact or communicate with any member or potential member of a Selection Team except through the following official communication process:**

Consultants may contact the UDOT Contract Administrator to schedule one-on-one appointments for project or scope of work discussions with the UDOT Project Manager (PM) (and Local Government Project Manager) regarding this Solicitation. Consultants may only communicate through these official designated appointments. A date has been designated for appointments for these discussions in the Selection Schedule outlined in Part Three (Project Information and Evaluation Criteria). Consultants desiring to meet with the UDOT PM or any UDOT employee must contact the UDOT Contract Administrator via email to request an appointment PRIOR to the deadline identified in the Selection Schedule outlined in Part Three (Project Information and Evaluation Criteria).

UDOT desires to make the most efficient use of resources for all parties involved with the established communication process. The one-on-one meeting with UDOT should not be viewed as a marketing tool and is not part of the Consultant Selection process.

Consultants may contact the UDOT Contract Administrator or other Consultant Services staff with any questions.

- 2. Subscription to the UDOT Consultant Services Update Service:** UDOT recommends Consultants interested in this project subscribe to the [UDOT Consultant Services Update Service](#) on the UDOT website.

If there are any changes affecting the Solicitation, notice will be sent out via an e-mail through the update service.

- 3. Review of the Solicitation documents:** Consultants are responsible for reviewing and understanding the content and requirements of the Solicitation. Read and review each section carefully to ensure proposals meet the outlined requirements. If the Consultant identifies any mistake, error, or ambiguity in the Solicitation during the procurement process, it is the duty of the Consultant to notify the Contract Administrator via email.

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4. **Conflict of Interest:** UDOT expects Consultants to act with integrity and professional ethics. When there is a potential conflict of interest, Consultants are required to either not submit for the project or disclose the potential conflict to the Consultant Services Manager prior to submitting a proposal. The Consultant Services Manager will coordinate with the UDOT Conflict of Interest Review Team for a determination by UDOT. For additional information, please reference the UDOT [Consultant Services Manual of Instruction](#) (MOI). Additional Conflict of Interest requirements may be identified in Part Three of this Solicitation.
5. **Applicable Federal and State Regulations:** The Consultant will conform to all applicable state and federal regulations.
6. **Conditions of Proposal:** All costs related to the preparation of the Proposal and any related activities such as interviews are the sole responsibility of the Consultant. UDOT assumes no liability for any costs incurred by Consultants during the selection and contract negotiation process.
7. **Contract Terms and Conditions:** It is the Consultants' responsibility to review and understand UDOT's Standard Terms and Conditions contained in the UDOT [Contract Terms and Conditions](#). These terms and conditions will apply to any contract resulting from this Solicitation.
8. **Health Reform – Health Insurance Coverage in State Contracts Requirements:** As required by UCA 72-6-107.5, effective March 17, 2016, UDOT will not enter into a contract of \$2,000,000 or more with a prime Consultant or \$1,000,000 or more with a sub-Consultant without demonstration of compliance regarding the offering of "Qualified Health Insurance Coverage" to their employees. Prior to issuing a Notice to Proceed, the Consultant must demonstrate compliance with the provisions of Administrative Rule R-916-5. A Consultant's inability to adequately demonstrate compliance may be grounds for determining a Proposal non-responsive and UDOT moving on to negotiate with the new first-ranked responsive Consultant.
9. **Debarment Certification:** Federal regulations require certification by prospective participants (including contractors, subcontractors, and principals) as to current history regarding debarment, eligibility, indictments, convictions, or civil judgments. The selected Consultant will be required to certify in accordance with contract Standard Terms and Conditions.
10. **Right to Cancel or Reject:** UDOT reserves the right to cancel the Solicitation at any time when it is in UDOT's best interest. UDOT also reserves the right to accept or reject any or all Proposals submitted in response to the Solicitation.
11. **Required Personnel Qualification:** The Consultant will be responsible to ensure all personnel proposed are qualified through training, experience, and appropriate certification for the tasks assigned and will have a working knowledge of UDOT standard practices.
12. **Proposed Project Staff:** The Consultant is expected to provide a Consultant Proposed Staffing Plan for the project, as outlined in Part Three (Project Information and Evaluation Criteria). The plan should state the certification and education levels of the individuals proposed for use on this contract including sub-Consultants' personnel. The plan must be included in the Proposal but will not count against the maximum allowed pages.

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UDOT's requirement for listing current or former UDOT employees as personnel in a Proposal is as follows:

1. If a Consultant lists a former UDOT employee on the Proposal who officially left UDOT employment prior to the submission date of the Proposal, the Consultant will not be disqualified.
 2. If the Consultant lists someone who has not yet left UDOT employment, even if the employee plans to retire or quit soon, the Consultant will be disqualified.
 3. If a Consultant lists a former or current UDOT employee who was involved in the development of the Solicitation for this project, the Consultant will be disqualified.
 4. These requirements apply to prime and sub-Consultants.
13. **Key Personnel:** Key Personnel are those individuals specifically identified in the Proposal as being set forth to effectively manage all aspects of the work in a quality, timely and efficient manner. When Consultants list Key Personnel, the Consultant is agreeing to make the personnel available to complete work on the contract at whatever level the project requires.
14. **Audits:** Prior to final contract award, an audit may be conducted by UDOT of the selected Consultant. This audit will be for the purpose of ensuring the selected Consultant is financially capable of performing the contract, the cost information and prices quoted are reasonable, and the selected Consultant has adequate accounting practices to ensure accurate tracking of contract costs. UDOT reserves the right to inspect Consultant records associated with this project, including financial records, as deemed necessary during the term of the contract.
- Prior to final acceptance of the contract work, UDOT may conduct a closing audit of the Consultant. This closeout audit will be performed upon completion of the contract to verify the accuracy of all billings and compliance with the contract provisions.
- In the event that a proposing Consultant has failed to pay UDOT monies due to UDOT for over payment on past projects, UDOT has the right to reject and/or disqualify the Consultant's Proposal. Disqualification will be based on audit findings, determinations, and recommendations made by the UDOT Fiscal Audit Division.
15. **Work site Safety:** Utah Code 63G-6a-403 states UDOT may request the Consultant submitting a Proposal to provide information about the Consultant's work site safety program, including any requirement that the person imposes on sub consultants for a work site safety program and any other pertinent information.
16. **Disposition of Proposals:** Proposals and their content become the property of UDOT and are treated as non-public records until the Contract has been executed by all necessary officials of the Consultant and UDOT. The Proposal of the successful Consultant will be open to public inspection for a period of one year after the Contract has been executed.
17. **Consultant Debriefing:** As part of the Proposal evaluation, UDOT may provide constructive criticism of the Proposals submitted for this project.

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Debriefing information may consist of scores of the first-ranked Consultant's proposal/interview and the scores, strengths and weaknesses of the Consultant's own proposal/interview.

The proposal and strengths identified in the selected Consultant's proposal/interview will be available for review in-person at the Consultant Services division, for a period of one year after the Contract has been executed.

Consultants may contact the Contract Administrator for a formal debriefing.

18. **Notice to Proceed (NTP):** NTP will be issued by Consultant Services division after contract execution. Authorization to begin work from any other source is invalid and will result in non-payment for services provided prior to authorized notification to begin work.
19. **Change in Key Personnel During Negotiations or after Notice to Proceed (NTP):** If after entering negotiations with the first-ranked Consultant, the Consultant is unable to provide the Key Personnel (prime or sub-Consultant) identified in the Proposal at the levels determined necessary for the project by the PM, the Consultant will be required to notify the PM and the Consultant Services Contract Administrator. The Consultant will then be offered the opportunity to propose a revised Project Team. The UDOT Selection Team will review the revised Project Team to determine if it is equal to or better than the originally proposed team. If UDOT determines the revised Team is equal to or better than the originally proposed team, negotiations will continue. If UDOT determines the revised team is not equal to or better than the originally proposed team, negotiations will be discontinued and UDOT will move on to the second-ranked Consultant. If the change in Key Personnel is after NTP and UDOT does not approve the change, UDOT reserves the right to cancel the contract and/or reflect the change on the Consultant Project Evaluation.
20. **Protests:** All protests with respect to this Solicitation must be in writing, and will follow the requirements in Utah Code Sections §63G-6a-1602 et seq. Deliver a copy of any protest to:

Executive Director
Utah Department of Transportation
4501 South 2700 West, 1st Floor
P O Box 141245
Salt Lake City, UT 84114-1245

Any protest not set forth in writing within the time limits specified in §63G-6a-1602 is null and void and will not be considered.
21. **Insurance Certificates:** The Consultant is required to provide UDOT with Certificates of Insurance meeting the current guidelines. Current insurance requirements can be found within the [Consultant Services Manual of Instructions](#) (MOI).
22. **Required Completion and Acceptance Criteria:** Progress payments will be made for work in progress. Final invoice payment will be made after: all of the work has been completed; the final estimate, project records, and documentation have been received and accepted by UDOT as accurate and complete; and a Consultant Evaluation has been performed..

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23. **Government Records Access and Management Act (GRAMA):** UDOT will maintain a nonpublic process for the duration of this Solicitation. Pursuant to Subsection §63G-2-305(6) of the GRAMA, all records related to this Solicitation, including, but not limited to Proposals, evaluation, and selection procedures, and any records created during the evaluation and selection process will remain nonpublic records until the Contract has been executed by all necessary officials of the Consultant and UDOT. The GRAMA, Utah Code Ann., §63G-2-101 et seq., provides in part that certain records are protected if properly classified.
24. **For Construction Engineering Management Contracts:** Effective October 26, 2016, UDOT has revised the certification requirements during the Solicitation phase. Proof of certifications is not required at this stage and the Consultant will be required to self-certify as per the Contract Terms and Conditions.

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PART TWO

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Solicitation Method and Requirements
Streamlined Solicitation

1. **Solicitation:** This Solicitation follows the Streamlined Solicitation processes and procedures outlined herein.

UDOT Consultant Services staff facilitates Selection Teams through the ranking and selection of Consultants to provide engineering services for transportation related projects. Consultant selection is a Qualification-Based Selection (QBS) process, where the primary factor in selection is the qualification-based criteria outlined by the Selection Team in Part Three (Project Information and Evaluation Criteria), rather than the cost of engineering services. Cost is a secondary factor after a Consultant is selected and the contract negotiation process begins.

2. **Proposal Deadline:** Submit one (1) electronic PDF file of the Proposal by email to cssog@utah.gov prior to 11:00 AM on the submission date identified in the Selection Schedule in Part Three (Project Information and Evaluation Criteria). Proposals will not be accepted after the 11:00 AM deadline.
3. **Qualification Based Selection:** This is a Qualifications Based Selection (QBS) process based on United States Code (USC) Title 40, Chapter 11, Sections 1101 – 1104 (Selection of Architects and Engineers, otherwise known as The Brooks Act). Consultant fees are not a factor in the ranking of Consultants to provide the requested services.
4. **Consultant Fee Discussion:** Consultant fees are not a factor in the selection ranking of a Consultant to provide services. All price/cost related items which include, but are not limited to past, present or future fees associated with Consultant contracts, direct salaries / wage rates, indirect cost rates, and other direct costs are prohibited from being used in Proposals. Consultant fee discussions are not allowed. Do not include any reference to Consultant fees (past, present, or future) in the Proposal.
5. **Financial Screening:** UDOT requires Consultants to be financially screened at the appropriate level for this Solicitation. The time it takes a Consultant to complete the Financial Screening process varies and therefore UDOT encourages Consultants to submit their [Financial Screening Application and Questionnaire](#) as soon as possible.

Consultants may obtain the Financial Screening Application and Questionnaire from the UDOT website. For questions, contact the Consultant Services Financial Screener at (801)965-4138. A Consultant's Financial Screening status is effective for the period of one year from the time the Consultant is approved.

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6. **Guidelines for Preparing Streamlined Proposals:** These guidelines were developed to standardize the preparation of a Proposal by Consultants for engineering services on a UDOT project. Submitting a Proposal is the beginning of the selection process and is used as the basis for selecting or for short-listing Consultants. The purposes of the guidelines are to ensure consistency in format and content in the Proposals prepared by Consultants and submitted to UDOT. It is highly recommended that Proposals are written and presented to UDOT in a clear and concise format which will not distract from the content of the material presented.

The following table outlines the Proposal instructions and guidelines. Any penalty or disqualification actions are clearly identified in the table. Violations that do not result in a penalty or a disqualification action may still affect the Consultant's overall Proposal score as part of the evaluation process.

Proposal Instructions and Guidelines		
Instruction	Description of Requirement	Violation Penalty or Disqualification
Page Limits	Provide only the allowable number of pages as identified in Part Three (Project Information and Evaluation Criteria)	Additional pages will be removed
Page Sizes	Provide only the allowable page sizes identified in Part Three (Project Information and Evaluation Criteria)	Pages violating size requirement will be removed
Consultant Proposed Staffing Plan	Provide a copy of the Consultant Proposed Staffing Plan with no additional information beyond that which is required, as identified on the sample form	If additional information is provided, the Staffing Plan will be removed
Margins	Provide one-inch (1") margins throughout the Proposal; Consultant Name/Logo and Page Headers/Footers may be within the margins	Guideline
Font and Line Spacing	Use a 10-point [or greater] Arial or Times New Roman font	Guideline
E-mail	Do NOT send Proposals directly or indirectly to any known or presumed Solicitation Selection Team members or other UDOT personnel outside of the prescribed UDOT email address	Guideline
PDF Submission	Send Proposals via e-mail in PDF format	Guideline
Proposal Deadline	Send Proposals to cssog@utah.gov prior to the 11:00 AM deadline on the date identified in Part Three (Project Information and Evaluation Criteria)	Disqualification
Interviews	If interviews are required, attend the date and time instructed by Consultant Services	Disqualification

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Fee Discussion	Submit a Proposal without any reference to Consultant fees on this project or any past, present or future project	Disqualification
Cover Page	Provide a complete Cover page, including a signed, verbatim Acknowledgement as identified in Part Three (Project Information and Evaluation Criteria)	Disqualification
UDOT Staff	Provide a team that does not include any current UDOT employees or former UDOT employees who were involved in the development of this Solicitation	Disqualification
Financial Screening	Complete the UDOT financial screening process at the appropriate level, identified in Part Three (Project Information and Evaluation Criteria)	Disqualification

1. **UDOT Right:** UDOT reserves the right to disqualify a Proposal when the intent of the Solicitation process is violated. UDOT Consultant Services staff may utilize the provision of Utah Procurement Code 63G-6a-114 to determine an error is immaterial.
2. **Selection Team:** The Selection Team members will receive copies of each responsive Proposal submitted. They will review and score the Proposals individually based on the evaluation criteria identified in Part Three (Project Information and Evaluation Criteria) and submit their scores and comments to the Contract Administrator. The Contract Administrator will tally and compile the scores and comments.

The Selection Team will then meet to discuss the Proposals and comments from individual Selection Team members and determine whether interviews are necessary or whether the selection may be made based on the averaged scores from the Proposals. Final Proposal score results are the average of voting Selection Team members' scores.

Most Streamlined Solicitation selections will be based on the Proposal scores. However, if the Selection Team determines it is necessary to conduct interviews in order to make a selection, the Selection Team will develop the format of the interviews and provide instructions on the interview format to each Consultant invited to participate.

3. **Selection Interviews:** The Streamlined Solicitation is intended to reduce the level of effort required to compete for and administrate the selection process. Interviews will take place in the event the first place ranking is a tied score for two or more Consultants, or other extenuating circumstances. If the Selection Team determines interviews are necessary, examples of project-specific topics may include such issues for discussion as:
 - Understanding of the Work
 - Approach to the Project
 - Schedule Control
 - Management of Project

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4. **Selecting By Consent (SBC):** The SBC process is a scoring process that aids the Selection Team in developing final ranking through a collaborative process. In this process each segment and question of the interview is weighted in advance during the Selection Team Meeting. After the interviews are conducted, the Selection Team scores each segment and question by “consent”. Consent is defined as the willingness of all Selection Team members to accept a decision reached by a collaborative process.
5. **Qualitative Assessment Guidelines:** Throughout the scoring process (for Proposals and interviews) the Selection Team will use the following Qualitative Assessment Guidelines when scoring. These guidelines are used to help ensure consistency in scoring.

Qualitative Assessment Guidelines	
8 – 10	The Proposer demonstrates a complete understanding of the subject and qualifications that significantly exceed expectations and the stated requirements of this project. Proposal contains many strengths and few minor weaknesses, if any.
5 – 7	The Proposer demonstrates a strong understanding of the subject and qualifications that exceed expectations and the stated requirements of this project. Weaknesses, if any, are minor. Proposal contains strengths that outweigh the weaknesses.
3 – 4	The Proposer demonstrates a general understanding of the project and qualifications that meet expectations and the stated requirements of this project. Weaknesses are minor. Proposal contains weaknesses that are offset by the strengths.
1 – 2	The Proposal raises questions about the Proposer's ability to successfully complete the work. The Proposer demonstrates a vague understanding of the project and qualifications containing significant weaknesses/deficiencies regarding expectations and the stated requirements of this project. Proposal contains weaknesses that are not offset by the strengths.
0	The Proposal is unacceptable. The Proposal fails to meet expectations and the stated requirements of this project. Weaknesses and deficiencies are so major and/or extensive that major revision(s) to the Proposal would be required to make it acceptable. Proposal contains many weaknesses and only minor strengths, if any.

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PART THREE

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**Project Information & Evaluation Criteria
Streamlined Solicitation**

Project Information	
Project Number	S-I15-7(329)332
Project Name	I-15; MP 332.10 - 332.30 & Layton I-15 Crossing
PIN Number	13823
Requested Services	Construction Engineering Management
Source of Funding	State
Contact Information	
UDOT Contract Administrator	Leslie Peterson UDOT Consultant Services Box 148490 4501 South 2700 West Salt Lake City, Utah 84129-5998 lpeterson@utah.gov (801) 965-4183
UDOT Project Management	Michael Romero Project Manager Utah Department of Transportation Region One

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Consultant Selection Schedule

Date	Action
Thursday, November 17, 2016	Posting of Streamlined Solicitation on UDOT Consultant Services Project Advertisement website
Wednesday, November 23, 2016	Deadline to request a one-on-one discussion meeting
Monday, November 28, 2016	Appointments to discuss the project
Monday, December 05, 2016	Proposals are due electronically by 11:00 AM.
Thursday, December 15, 2016	Selection Team Meeting
Wednesday, January 04, 2017	Consultant Selection Interviews
Wednesday, January 04, 2017	Consultant Selection
Monday, January 09, 2017	Pre-Negotiation Meeting with Selected Consultant

Contract Goals:

The Utah Department of Transportation has a project to provide a new East-West crossing in Layton between the intersection of SR-126 and Angel street on the West side and 1425 N on the East side. UDOT will select a firm to provide Construction Engineering Management (CEM) services for the Layton I-15 Crossing project.

Scope of Work:

This project will realign the intersection of SR-126 and Angle Street, construct a new roadway alignment to the East, place retaining walls, construct a new 2 span structure, and convert the intersection of Layton Hills Parkway and 1425 N into a roundabout. It is anticipated that construction on this project will begin January 2017 and be completed in the fall of 2017.

The Consultant will act as Resident Engineer and will confer with the Contractor in behalf of UDOT during the construction of the project. The Consultant will provide control over the project as described in the UDOT Construction Manual of Instruction. UDOT's District Engineer, Project Manager will exercise oversight for the project.

Administrative authority will be given to the selected Consultant to enforce all contract provisions, specifications and plans, and perform engineering and inspection duties, material testing, and functions for UDOT as required under current UDOT policies and procedures. All field changes and Construction Contractor submittals shall be coordinated through the District Engineer, Project Manager, and specialty areas as needed (i.e. Region Traffic Engineer, Region Materials Engineer, etc.) addressing all review comments prior to work.

The UDOT District Engineer has ultimate authority on all questions regarding the quality and acceptability of construction materials furnished, work performed, rate of work progress, interpretation of the construction contract documents, and the acceptable fulfillment of the construction contract. If during the construction phase of a project, there are instances where the requirements of the

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construction contract may be unclear or need further clarification; UDOT has final authority in interpreting and enforcing the contract.

The Consultant will monitor and check Contractor submissions and subcontractor agreements, prepare and justify change orders, process claims, review baseline schedule submittal and monthly schedule updates, keep contract time, prepare overrun/under-run statements, provide informal meetings for claims, and keep complete and accurate documentation using accepted UDOT forms and procedures. The Consultant will obtain UDOT District Engineer and Project Manager approval prior to work for all change orders. The Consultant will obtain and process all Contractor payment requests through UDOT. All direction of orders to the Contractor shall be documented in writing.

The Consultant is expected to meet and maintain all CEM certification and training as required by UDOT Central Construction and Materials, including CEMT, IQP, LQP, TTQP and Partnering. ~~Compliance is required on the date and time SOQ's are due. Designation of responsibility is required on the Consultant Proposed Staffing Plan.~~

WORK ACCEPTANCE

OVERVIEW: Perform all work under this Contract in accordance with the Standards, Specification, Manuals of Instruction, and Policies and Procedures established by UDOT. During the course of construction, the Consultant shall accept work on behalf of UDOT. However, Final Owner Acceptance will be granted by UDOT.

RESPONSIBILITY: Resident Engineer, Consultant

PERSONNEL

OVERVIEW: The Consultant's Construction Management Team must be led by a Licensed Professional Engineer who has experience with state and federal-aid Construction Engineering oversight and compliance. The Consultant team members will be experienced and have professional certification in their area of oversight responsibility (surveying, inspection, material testing, and project accounting). The required Consultant's Construction Management Team members must be CEMT certified. They must also have attended the required UDOT Partnering Training sessions. Emphasis will be given to a Consultant's Construction Management Team that demonstrates similar project experience, team cohesiveness and working experience between key personnel and years of experience for key personnel.

RESPONSIBILITY: Resident Engineer, Consultant

PRECONSTRUCTION

After the construction contract is awarded, the Consultant will coordinate, schedule, and conduct the Preconstruction meeting with the Contractor, subcontractors, UDOT District Engineer, UDOT Region Maintenance Area Supervisor, UDOT Region Station Supervisor, UDOT Region Traffic Engineer, UDOT Region Materials Engineer, , UDOT Project Manager, Project Public Involvement Coordinator, City officials, and Utility company representatives. Provide minutes of the Preconstruction Conference to all attendees

RESPONSIBILITY: Resident Engineer, Consultant

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CONSTRUCTION

OVERVIEW: The Consultant will provide qualified personnel for engineering, surveying, inspection, material testing, and accounting.

Inspection:

All inspectors are required to meet current IQP requirements. Inspection activities include documenting and ensuring compliance with the contract requirements as directed in the UDOT Construction Manual of Instruction and the current edition of the UDOT Inspection Manual. These activities include documenting and ensuring compliance of the project construction methods and materials, public and worker safety, labor, environmental and pollution control, right of way, and utility/railroad relocation activities. The Consultant's Inspection Team will be led by a Licensed Professional Engineer who has experience with UDOT and FHWA project oversight and compliance.

The Consultant will provide current, thorough, and complete electronic documentation. A qualified inspector will actively inspect all of the Contractor's work. At least one qualified inspector will be physically present on the job site at all times during significant construction activities. The inspector will not knowingly accept work for payment that does not meet plans and specifications. Work that may remain in place with disincentives must follow UDOT policies and be coordinated with the UDOT District Engineer, Project Manager and Materials Engineer and others as needed.

The Consultant and the Consultant on-site inspector will monitor the Contractor's work so that lines and grades meet the plan lines and grades within allowable limits specified.

The Consultant Resident Engineer will be responsible for overseeing compliance of daily records and time charges. The Consultant shall review and comment on the initial and updated construction schedules provided by the Contractor to help ensure timely completion of the work. The Consultant shall also coordinate the review of the baseline schedule submittal and monthly schedule updates with the District Engineer. Any contract time suspensions will be coordinated and documented by memorandum to UDOT's District Engineer and Project Manager.

UDOT's Project Manager and District Engineer must be notified of any and all change orders and overruns. UDOT must also give written authorization to the Consultant Resident Engineer before any such change order is executed. All change orders are to be prepared and executed according to UDOT Policy & Procedures and Specifications, using the guidelines of the UDOT Construction Manual of Instruction.

The Consultant will prepare progress and final payments in the format provided by UDOT. Payment will be made in accordance with contract documents and specifications.

The Consultant will be liable for negligent or fraudulent action, inaction, or negligent direction resulting in a claim. Consultant will document in writing all direction of orders to the Contractor.

Traffic Control:

The Consultant will protect the safety of workers and the traveling public by assuring the Contractor's traffic control follows MUTCD and UDOT policies. This includes reviewing the traffic control plans for compliance with UDOT standards. The Consultant will assure the Contractor: adheres to all safety and

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health laws and ordinances and obtains any necessary permits. The Consultant will forward to the UDOT Public Involvement Coordinator any complaints concerning the project.

The Contractor's traffic control plans and any changes to these plans must be submitted and Accepted by the Consultant with concurrence from UDOT's Region Traffic Engineer. The Consultant shall provide a qualified, Utah-licensed professional engineer to perform reviews of the Contractor's traffic control plans. This engineer must have valuable related experience and adequate knowledge of construction traffic control practices, construction work zone traffic safety, the MUTCD, and UDOT traffic control standards. This person can have other responsibilities under the contract.

Accident Prevention:

The Consultant will make sure that the Contractor's Accident Prevention Plan meets all requirements in the contract including but not limited to OSHA regulations and UDOT requirements.

Materials:

The scope of this contract is to provide a laboratory, all materials, equipment and labor necessary to complete field, laboratory testing, and reporting of materials for this construction project. An individual who has experience with state and federal-aid oversight and compliance will lead the Consultant's Materials Testing Team. Major items of work include, but are not limited to, hot mix asphalt (HMA), Bonded Wearing Course.

The testing methods and frequency will be in accordance with the UDOT Materials Minimum Sampling and Testing Requirements and Materials Manual of Instruction found on the UDOT Web Site using UDOT format. For the duration of the contract, the laboratory must be AASHTO accredited (AMRL certified) and UDOT qualified and all personnel must be UDOT TTQP certified in the tests being performed. All tests will be performed according to applicable UDOT and AASHTO procedures.

The work is directed by the Consultant Resident Engineer. The Consultant will provide test results to the UDOT Materials Engineer within 24 to 48 hours of placement, with time dependent upon the material requirements. The Consultant will prepare and provide all documentation associated with a given item including all calculations for pay reductions and incentives/disincentives.

No material shall be incorporated in the project, or paid for, without certification or testing that assures materials meet UDOT specifications. The consultant will collect material Certificates of Compliance and assure adequate materials certificates are collected for materials placed.

Specification/Technical Assistance:

The Consultant Project Engineer will contact the UDOT District Engineer and Project Manager for interpretation, clarification or any technical questions concerning the construction project.

Documentation:

Project filing, documentation, monthly progress reports, progress payments, change orders, and final payment will be done according to UDOT Policy and Procedures, and Manuals of Instruction. Forms and guidelines are contained in UDOT Construction Manual of Instruction,

The Consultant will keep all notations as described in the UDOT construction and Inspection Manuals of instruction. Survey checks and pay quantities will be documented daily in UDOT's PDBS system. Pay

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quantities will be measured and initialed for payment in PDBS daily. The Consultant shall furnish the computers and any other equipment needed to meet the contract requirements. The consultant shall enter all project documentation into the UDOT ProjectWise system; using the latest folder structure and naming conventions (Coordinate with UDOT District Engineer as needed).

Project Accounting:

The project accounting will be done under UDOT's accounting process. The Consultant must have UDOT Project Account training and PDBS training. The Consultant must have compatible computer equipment and software programs. The Consultant must stay current in documenting pay quantities. The monthly (or semi monthly) estimate will be submitted to UDOT and the Contractor for review and acceptance of paid quantities before payment.

It is the Consultant's responsibility to keep UDOT informed of project overruns.

Individuals updating PDBS must meet the current CEMT requirements for Project Office Management.

Project Meetings:

The Consultant will hold weekly coordination meetings with the Contractor's Construction Superintendent (Foreman), and update the schedule for the following week's work. Survey, material testing, business access impacts, utility relocation work, inspection and traffic control coordination must be established in advance. The Consultant shall take minutes of the meeting for distribution. The Consultant will invite UDOT, the project Public Involvement Coordinator, and utility company representatives to all Project meetings. The Consultant will also attend various meeting with project stakeholders, including if applicable the monthly meetings of the Community Coordination Team and UDOT Project Controls updates.

RESPONSIBILITY: Resident Engineer, Consultant

PROJECT FINALIZATION:

OVERVIEW: The consultant will inspect, document and prepare the necessary reports for the project from substantial completion to final acceptance as outlined in the UDOT construction Manual of instruction and the project specifications. Upon substantial completion of the project, the Consultant will conduct, coordinate and notify in writing all interested parties to attend a final inspection. The attendees will include the UDOT District Engineer, the UDOT Project Manager, the Project Design Engineer, the Contractor, Subcontractors, and affected Utilities. Minutes of the Final Inspection will be provided to all attendees.

The consultant is responsible for the generation of the punch list and will create the necessary reports and track the project through physical and contract completion as outlined in the project specifications. Within 30 days of the project, meeting contract completion, the Consultant will provide final project documentation as required by UDOT and FHWA for final acceptance of the project. The Consultant shall verify the accuracy of the as-built plans prepared and certified by the Contractor, and provide a hardcopy and an electronic copy for UDOT's records at the end of the project.

A Post Construction Conference is required.

RESPONSIBILITY: Resident Engineer, Consultant

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1. **Contract Completion:** Approximately **18** months from Notice to Proceed.
2. **Required Percentage of Work for Prime Consultant:** The Consultant must perform work valued at not less than **50%** of the total work, excluding specialized services, with its own staff. Specialized services are those services or items that are not usually furnished by a Consultant performing the particular type of service requested in the outlined Scope of Work.
3. **Financial Screening:** Consultants are required to have an independent audit by a CPA for this Solicitation. Inability to complete the financial screening process will disqualify the Consultant's Proposal, unless the delay is due to problems or delays by UDOT. The selected Consultant must complete the financial screening process within 2 weeks after selection.
4. **Conflict of Interest:**
For Preconstruction and Construction Engineering Services: UDOT has determined there is an appearance of a Conflict of Interest when a Consultant performs both design and construction engineering management on the same project. Refer to Section 4: Conflict of Interest of the [Consultant Services MOI](#) for specifics.
5. **Streamlined Proposal Organization:**

Technical PDF

- Cover Page
- Project Team
- Capability of the Firm(s)
- Approach to the Project
- Consultant Proposed Staffing Plan
- Form BC (Business Confidentiality), if applicable

6. **Streamlined Proposal Section Requirements:**

Cover Page: The Cover Page is one page. It may be on the Prime Consultant's letterhead and will consist of the following with no additional information:

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Cover Page	
Date	
PIN No., Project Name and Description	
Prime Consultant	
Prime Consultant's Federal ID#	
Sub-Consultants (if any)	
Primary Contact	
Primary Contact Name (Prime)	
Address	
City, State, Zip	
Email	
Office Phone	
Cell Phone	
Secondary Contact	
Secondary Contact Name (Prime)	
Address	
City, State, Zip	
Email	
Office Phone	
Cell Phone	
Acknowledgement	
<p><i>I understand the acceptance and completion criteria, submittal, financial screening requirements, contract selection types and contract caps. My firm will comply with all state and federal contracting requirements applicable to the project. I understand UDOT policies, procedures and processes may change during the duration of the project and will comply with any changes required by UDOT. I have fully and accurately disclosed any debarment, license issues, and/or investigations being performed by any governmental entity. Employees listed on the staffing plan are current bona fide employees of the Consultant. As authorized to sign for my organization, I certify the content of this proposal to be true, accurate and all matters fully disclosed as requested in the Solicitation. I understand any misrepresentations or failure to disclose matters in the proposal is immediate grounds for disqualification.</i></p>	
Signature	
Name	
Title	

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The information is not required to be in this exact format, as long as each item of requested information is presented, with no additional information. Proposals will be considered non-responsive and will be disqualified if the Cover Page is not attached to the Proposal; if the Acknowledgement is not included on the Cover Page; and/or if there is additional information included on the Cover Page.

No evaluation points are assigned to this section and the Cover Page will not count as one of the allowed pages.

Project Team: The Selection Team will evaluate how well the qualifications and experience of the proposed project team members relate to the specific project. The Selection Team will score Proposals based upon the following criteria:

% of Section Total	Project Team Section Criteria
15	Project Team organizational charts including sub-Consultants (see sample Project Team Organizational Chart available on the UDOT website). Identify Consultants and individuals that will be providing key services on the project (including all technical expertise necessary to perform the outlined Scope of Work).
55	Describe the qualifications, experience, and availability of Key Personnel on your proposed project team. Correlate the qualifications and past experience with the Contract Goals and the outlined Scope of Work.
30	Provide a table of projects completed by team members during the last ten years. The table headings should include the following items. (See sample Project Related Experience Chart available on the UDOT website). Columns may be combined in order to consolidate information. <ul style="list-style-type: none">– Name of Project Manager / Team member(s)– Year– Type of Project– Project Name– Project Location– Project Description– Services Performed / Specific Project Role– Client– Reference Contact and Telephone Number
55	Maximum points available for this section of the Proposal (out of 100).

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Capability of the Firm(s): The Selection Team will evaluate the Firm(s) capability to perform the work. The Selection Team will score Proposals based upon the following criteria:

% of Section Total	Capability of the Firm(s) Section Criteria
25	Describe your project team firms' capability, experience and unique qualifications to perform the specific type of work identified in the Scope of Work.
10	Describe your project team firms' internal quality and cost control procedures.
15	Discuss the logistics relating to how the project team firms' will provide the services requested.
40	Choose a similar project identified in the Project Team section and discuss in detail what your project team firms' did to make that project a success.
10	For CEM projects - Provide Project Closeout Tables (See example Project Closeout Table available on the UDOT website): An efficient project closeout process is critical to the success of construction engineering management services. Include tables regarding your most recent project closeouts (up to five) where your project team was directly involved in the closeout process. For each project indicate the substantial completion date, physical completion date, contract completion date, the date the package was submitted to the Region Contract Specialist (RCS) and the date the package was submitted to Central Construction. For UDOT projects, include the actual processing times (number of days) in a separate table, as recorded in PDBS, for the contractor, RE, and RCS. No additional information is allowed in the tables.
15	Maximum points available for this section of the Proposal (out of 100).

Approach to the Project: The Selection Team will evaluate how well you have planned a basic course of action, what alternatives and/or preliminary approaches are proposed, and what provisions are identified for dealing with potential impacts. The Selection Team will score Proposals based upon the following criteria:

% of Section Total	Approach to the Project Section Criteria
40	Describe the course of action proposed to meet the Contract Goals and Scope of Work. Be realistic, clear and concise.
10	Discuss your approach to partnering and issue resolution management.
10	Discuss your project team firms' collaboration efforts and how you plan to work together for a successful project.
40	Identify risks, challenges, conflicts and potential mitigation.
30	Maximum points available for this section of the Proposal (out of 100).

A maximum total of 100 points is available for the Technical Proposal.

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7. **Consultant Proposed Staffing Plan:** The Consultant is expected to provide a [Consultant Proposed Staffing Plan](#). Consultants are not required to use this example form, as long as all necessary information is included. The Staffing Plan must identify the certification and education levels of the individuals proposed for use on the contract, including sub-Consultants' personnel. When Consultants list personnel on the Proposed Staffing Plan, the Consultant is agreeing to make the personnel available to complete the services in the contract at whatever level the project requires.

The Consultant Proposed Staffing Plan must be included in the Proposal, but will not count as one of the allowed pages. No other information is allowed on these pages. If additional information is provided, the Staffing Plan will be removed. No evaluation points are assigned to this section.

8. **Claim of Business Confidentiality:** The GRAMA, Utah Code Ann., §63G-2-101 et seq., provides in part that certain records are protected if properly classified. Consultants are responsible for determining which information, if any, they wish to be protected under a Claim of Business Confidentiality, and are responsible for taking appropriate action to do so. An entire Proposal may not be protected under a Claim of Business Confidentiality. To protect information under a Claim of Business Confidentiality, the Consultant must, at the time the information is provided to UDOT, include a [Form BC - Claim of Business Confidentiality](#). It is the responsibility of the Consultant to complete Form BC in accordance with Subsection §63G-2-309 and submit to UDOT as an attachment to the Proposal. If nothing in the Proposal is being protected under a Claim of Business Confidentiality, a Form BC is not required.
9. **Four (4) Page Maximum:** Pages exceeding the maximum limit will be removed from the Proposal prior to distribution to the Selection Team. The Cover Page, Consultant Proposed Staffing Plan and Form BC (if applicable) do not count towards the page maximum.

A page is defined as a single-sided 8.5" x 11" sized page that contains text, pictures, tables, graphs, charts, plan sheets, or any other graphics.

Do not include a reference or link to additional information. If Proposals contain references or links, UDOT Consultant Services will remove them from the Proposal.

10. **UDOT Reference Items:**

- UDOT CADD use and information is available on-line from the UDOT web site at www.udot.utah.gov/go/ETS.
- UDOT Construction Manual of Instruction is available online at the UDOT Web site www.udot.utah.gov/go/Manuals.
- UDOT Consultant Services Manual of Instruction is available on-line at the UDOT Web site www.udot.utah.gov/go/CSManuals.
- UDOT Drainage Manual of Instruction is available on-line from the UDOT web site at www.udot.utah.gov/go/Manuals.

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- UDOT Environmental Process Manual of Instruction is available on-line from the UDOT web site at www.udot.utah.gov/go/Manuals.
- Other UDOT manuals are available on-line from the UDOT web site at www.udot.utah.gov/go/Manuals.
- UDOT Project Delivery Networks is available on-line from the UDOT web site at www.udot.utah.gov/go/ProjectManagement.
- UDOT ProjectWise use and information is available on-line from the UDOT web site at www.udot.utah.gov/go/ETS.
- UDOT Reference Material is available on-line from the UDOT Web site at www.udot.utah.gov/go/StandardsReferences.
- UDOT Right of Way Design and Operations Manuals are available on-line from the UDOT Web site at www.udot.utah.gov/go/Manuals.
- UDOT Roadway Design Manual of Instruction is available on-line from the UDOT web site at www.udot.utah.gov/go/Manuals.
- UDOT Standards are available on-line from the UDOT Web site at www.udot.utah.gov/go/2012Standards.
- UDOT 2016 Strategic Direction & Performance Measures are available on-line from the UDOT web site at www.udot.utah.gov/go/StrategicDirection.
- UDOT Structures Design and Detailing Manual and the Bridge Management Manual are available on-line from the UDOT web site at www.udot.utah.gov/go/STRManuals).
- UDOT Traffic and Safety Highway Sign Policies and Manuals are available on-line from the UDOT web site at www.udot.utah.gov/go/HighwaySignPolicy.
- State of Utah Web Standards and Guidelines are available on-line from the web site at <http://www.utahta.wikispaces.net/Application+Architecture>.